

DRAFT Intercontinental Terminals Company (ITC) Fire

Water

EPA conducted surface water sampling on April 20, 2019 at 8 sample locations. The surface water samples were collected along Buffalo Bayou and the San Jacinto River and will be analyzed for per- and polyfluoroalkyl substances (PFAS), volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), chemical oxygen demand (COD), and oil & grease. The results from the sampling event will be compared to the TCEQ Surface Water Quality Standards (WQS), or to TCEQ Texas Risk Reduction Program surface water protective concentration levels (PCLs), if a WQS is not available for a chemical. No exceedances have been observed since April 2, 2019.

Air Monitoring

EPA conducted handheld air monitoring from April 20, 2019 at 00:00 to April 21, 2019 at 23:59 at 134 locations in the surrounding communities. Results were reported above the detection limit at one location for total volatile organic compounds (VOCs). EPA will continue to conduct additional air monitoring and deploy the Trace Atmospheric Gas Analyzer (TAGA) if VOCs continue to be detected.

TAGA

EPA conducted air sampling using the Trace Atmospheric Gas Analyzer (TAGA) on April 20, 2019 and on April 21, 2019. The TAGA analyzed the air samples for benzene, toluene and xylene. The TAGA air sampling results were compared to the TCEQ short-term AMCVs and found no exceedances of the short-term AMCVs. These results have been shared with unified command and local officials.